

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121223\
 Data File : VW027585.D
 Acq On : 12 Dec 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Dec 13 03:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	224523	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	192556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94554	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95666	21.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.680%
7) Chloroethane-d5	2.899	69	75938	23.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	4.027	65	43129	22.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.240%
21) 2-Butanone-d5	7.081	46	42671	36.042	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.080%
24) Chloroform-d	7.654	84	162651	24.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	8.307	65	74841	21.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.360%
32) Benzene-d6	8.276	84	333671	24.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.276	67	97451	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.325	98	292914	24.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.581	79	33993	21.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.960%
47) 2-Hexanone-d5	10.922	63	28113	37.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67958	20.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	79556	24.003	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	69107	22.988	ug/L	94
3) Chloromethane	2.229	50	84021	22.820	ug/L	97
5) Vinyl chloride	2.375	62	101739	23.689	ug/L	98
6) Bromomethane	2.802	94	53639	23.798	ug/L	99
8) Chloroethane	2.936	64	60585	24.699	ug/L	96
9) Trichlorofluoromethane	3.283	101	107448	26.122	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	85877	24.484	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	78496	24.511	ug/L	90
13) Acetone	4.118	43	39824	34.892	ug/L	98
14) Carbon disulfide	4.393	76	215449	22.262	ug/L	100
15) Methyl Acetate	4.673	43	32621	16.354	ug/L	100
16) Methylene chloride	4.929	84	76664	20.939	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	78915	23.898	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	121434	22.798	ug/L	98
19) 1,1-Dichloroethane	6.228	63	167175	24.894	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86488	24.388	ug/L	98
22) 2-Butanone	7.173	43	47786	32.454	ug/L	98
23) Bromochloromethane	7.520	128	32098	23.012	ug/L	96
25) Chloroform	7.679	83	150511	24.684	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	88603	22.483	ug/L	100
29) Cyclohexane	7.959	56	159477	25.192	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	143213	26.662	ug/L	100
31) Carbon tetrachloride	8.069	117	123165	26.289	ug/L	98
33) Benzene	8.325	78	339337	25.533	ug/L	100
34) Trichloroethene	9.093	95	91943	25.328	ug/L	95
35) Methylcyclohexane	9.337	83	162735	25.177	ug/L	100
37) 1,2-Dichloropropane	9.368	63	86315	24.599	ug/L	100
38) Bromodichloromethane	9.642	83	101200	24.948	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	121890	24.064	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	89730	37.832	ug/L	100
42) Toluene	10.386	91	360391	25.639	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	97304	23.813	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	53694	21.972	ug/L	99
46) Tetrachloroethene	10.861	164	63573	24.566	ug/L	92
48) 2-Hexanone	10.965	43	61189	36.606	ug/L	100
49) Dibromochloromethane	11.129	129	57174	23.669	ug/L	96
50) 1,2-Dibromoethane	11.233	107	48293	21.601	ug/L	97
51) Chlorobenzene	11.654	112	206419	24.341	ug/L	98
52) Ethylbenzene	11.727	91	412637	25.843	ug/L	92
53) m,p-Xylene	11.837	106	148180	25.186	ug/L	97
54) o-Xylene	12.166	106	137475	25.708	ug/L	95
55) Styrene	12.178	104	232912	25.519	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	65069	20.454	ug/L	97
59) Bromoform	12.349	173	30289	22.872	ug/L	97
60) Isopropylbenzene	12.458	105	417968	26.773	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	46596	20.431	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	303141	26.253	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	296006	25.740	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	153588	25.684	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	147966	24.807	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	131606	24.428	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	10811	19.708	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	102981	25.610	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	75547	24.193	ug/L	98
71) Naphthalene	15.360	128	133972	20.398	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	61783	23.097	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

